

MONUMENT RECORD

Corner ID: **BeBI_I07**

Quarter Corner

Sections 8 & 9 –T10N-R02W, 2nd P.M.

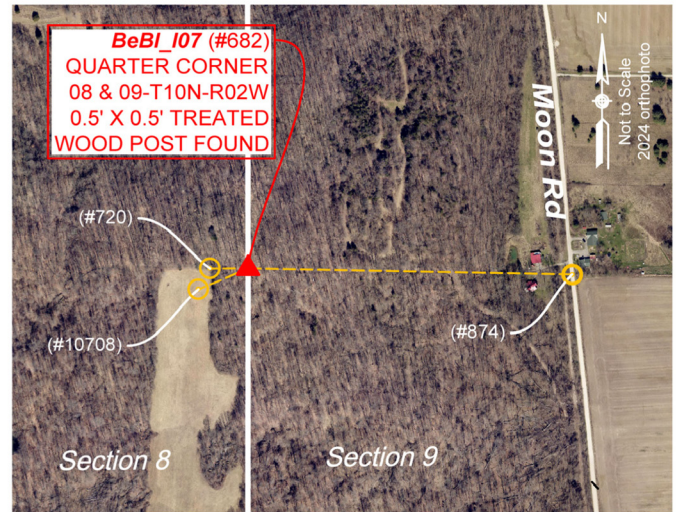
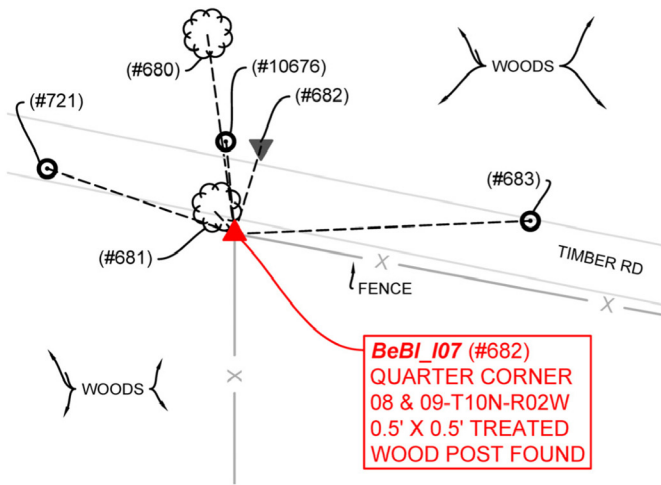
Bean Blossom Township, Monroe County, Indiana

Section 08	Section 09
T10N-R02W	T10N-R02W

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

(#682) 0.5' by 0.5' treated wood post in concrete, at the beginning of an eastbound fence line, on the south side of an old roadbed and ± at the extension of ancient North and South fences.

MONUMENT LOCATION SKETCH:



WITNESS MONUMENT TIES: Describe at least three new BT's (Bearing Trees) and/or witness objects established or work done to preserve existing evidence. BT diameters are noted as dbh (diameter at breast height) and are measured approximately 4.5' above ground. Bearings and Distances are measured from the monument to the center of the BT. Bearings and Distances to witness ties were measured with a Sokkia Set 510 Total Station.

ID	Bearing	Distance	Description
(#681)	N41° 50'W	6.1'	20" diameter Burr Oak tree
(#684)	N17° 00'E	18.9'	Top of leaning (East) 0.5' north-south by 0.3' east-west Granite stone found with top 0.4' AG
(#680)	N07° 51'W	41.7'	21" diameter Shagbark Hickory tree

MONUMENT ACCESSORIES

Other survey grade monuments that were located in the vicinity and their relation to the monument. Witnesses noted as a Rebar Lite are a 5/8" diameter by 16" polycarbonate rod with a 1-1/2" mag nail in top and yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set 0.1 foot below grade unless otherwise noted.

Geodetic coordinates in this table are provided in the format Northing, Easting

(#10676)	N05° 19' 09"W	19.23'	N:1482536.1114' E:3075524.9841' 1/2" rebar found 0.2' AG, at base of rotted and fallen wood corner post at east-west and north fence corner.
(#721)	N70° 57' 44"W	41.42'	N:1482530.4726' E:3075487.6126' Rebar Lite set at South edge of old roadbed
(#683)	N87° 35' 20"E	62.02'	N:1482519.5710' E:3075588.7366' Rebar Lite set at North edge of old roadbed



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(#720)	S89° 46' 07"W	158.61'	N:1482516.3213' E:3075368.1579' Mag hub nail set in corner of grass field
(#10708)	S67° 06' 57"W	225.14'	N:1482429.4107' E:3075319.3455' Mag hub nail set in grass field
(#874)	S88° 56' 18"E	1353.15'	N:1482491.8912' E:3076879.6829' Mag nail found flush ± center of road at east bound fence extended

PHOTO IDENTIFIED: Photo Date: 07/24/2024



Photo Orientation & Description: From Northeast looking



Photo Orientation & Description: From South looking North Southwest

EXISTING SURVEY HISTORY Include as much detail and history of the corner as known at the time of perpetuation

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: William Harris Deputy Surveyor

Where filed or recorded: Original Notes Page 259

Original monument: Post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	12"	S24°W	13 Links
Beech	18"	N25°W	9 Links

Notes:

SUBSEQUENT CORNER RESTORATION:

Found

None

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: Feb. 18, 1890 By: M.H. Buskirk

Where filed or recorded: Legal Survey Book 2, page 487

Original monument: Not Noted

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Walnut	1"	S84°E	22 Links
Ash	1"	S6°E	24 Links

Notes:

OTHER SURVEY HISTORY: Include details such as

surveyor name, date, recording info, monument description, etc.

DocumentDate	SurveyID	Surveyor	Description	InstrumentNo
7/28/1982	RSID005502	Farkas, Edmund O.	94.99 Acres	
4/17/2000	RSID004271	Graham, Raymond	104.54 acre survey	



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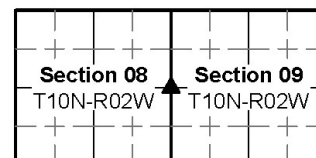
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5/1/2008	RSID004278	Guerrettaz, Bernard	"Caudill - Caudill Admin. Subd. Type ""E"""	
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ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND BY THE MONROE COUNTY SURVEYORS OFFICE: *Include, search area or areas, search procedure, etc.*

Date of Field work/Search: 06/07/2024 & 06/10/24 *By:* MES/JMG/WEP *Monument Found:* Wood Post and rebar to the North. *BTs or Reference Objects Found:* No, but new references established *Project #:* 24-001 *Field Book:* 56, pages 52, 53 & 58. *Notes:* We spent a lot of time at this corner digging and probing for a stone, even on other dates not noted in field book.

OTHER EVIDENCE: *Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.*

The post is at the beginning of an Eastbound fence line and $\pm$ at the extension of ancient North and South fences. We drove to near the post, through an overgrown field on the property at 9010 North Texas Ridge Road Gosport Indiana, with the permission of the landowner, who unlocked his gate for us once, on other trips, we walked down (East) an old abandoned roadbed beginning at 9098 North Texas Ridge Road Gosport Indiana.

MONUMENT PRESERVATION: *Describe work done to preserve existing monument.*

GPS coordinates were established on the post. 2 Rebar Lites were set within sight of the Post, and 2 mag hub nails that were used to shoot into the post, from a field, as well as a found $\frac{1}{2}$ " diameter rebar were referenced, that could be used to reestablish its location, should it become obliterated. Additionally, references were made to trees, and a stone found, to visually aid in finding it. A Monroe County Surveyors Office survey marker sign was nailed to the North side of the Post.

THEORY OF LOCATION: *Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty.*

The post (#682) was found. The stone found at BeBI_I08 (#703) is cited in Legal Survey Book 2, page 487 as having been set midway between the West half mile corner of Section 9 and the Southwest corner of said Section. Extending a line from the post found at the Southwest corner of said Section (#691 BeBI_I09) through the stone at BeBI_I08 (#703) and doubling the distance would create a point $\pm 8'$ South and $3.7'$ East of this post. We searched and probed this area diligently, finding numerous small limestones around and South of the post along with 1 limestone ledge, but none of the stones had survey stone characteristics. We also observed fence and remnants of an old, rotted post buried at a depth of $1 \frac{1}{2}'$ on the South side of the post, which fence, and post may have been an ancient fence corner. Thus, we concluded the area had been subject to some kind of earth work at one time. The extension of and double the distance of a line from the rebar set at the center of Section 8 (from original witnesses) (#1000 BeBI_G07) through the oldest stone at BeBI_H07(1) (#670) (which is cited as having been established mid-way between the Center and East half mile corner of Section 8) would net a location $\pm 5'$ North and $24'$ East of the Post at #682. The extension of a line from the rebar set at the center of Section 8 (from original witnesses) (#1000 BeBI_G07) through the newest stone at BeBI_H07(2) (#10653) would net a location $\pm 25'$ South of the Post at #682. An online equidistant split between the sixteenth corner stones found to the North and South of the Post would net a location $\pm 3.2'$ South and $\pm 1.8'$ West of the Post. The extension of a line from a stone at the center of Section 9 (#10630 BeBI_K07) through a mag nail (#874) found in the center of a north-south road, at the extension of an old east bound fence line (approximate BeBI_J07) would net a location $\pm 25'$ South of the post at #682. Said mag nail at #874 is $12.65'$ South of a straight line between the post at #682 and the stone at BeBI_K07. The mag nail is $22.2'$ South of a straight line between said BeBI_K07 and a rebar (#10676) that has been held by other surveyors as the corner at BeBI_I07. These facts create a large area of uncertainty surrounding the original location of this corner and this post is within the area of uncertainty in my opinion. Several other surveyors have held the fence corner on the North side of the old roadbed, and somebody set a $\frac{1}{2}'$ rebar at its base (#10676) which is $\pm 19'$ North of the post accepted this survey. It is my opinion that the data shows this second fence corner/ $\frac{1}{2}"$ rebar is too far North to be considered the Quarter Section corner at BeBI_I07 and it does not appear any of these other surveyors knew the location of the stones at BeBI_I06 or BeBI_I08. It is evident somebody took great care in setting the treated post in concrete and it is in my opinion the most reliable evidence of the original location of the corner, though with an uncertainty of $20'$ north-south and $4'$ east-west.

GEODETIC COORDINATES: *Northing:*1482517.0' *Easting:*3075526.8'



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Section 08
T10N-R02W

Section 09
T10N-R02W

BASIS OF GEODETIC COORDINATES:

The basis of bearings is Grid North NAD83(2011), Indiana West Zone, Epoch 2010.0000, Geoid Model G2012BU7, Datum NAD83_NO_TRANS, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Coordinate data was collected with a Javad Triumph LS Network Rover and/or with a Sokkia Set 510 Total Station radially from points located with GPS. Distances obtained with GPS have not been adjusted to ground. To adjust grid distances to ground distances multiply them by a scale factor of 1.000041156.

This document is not complete without the associated Corner Perpetuation plat and report of survey for Section 8 or 9, Township 10 North Range 2 West by Michael E. Sheppard of the Monroe County Surveyor's Office.

CERTIFICATIONS:



Michael E. Sheppard

Date: 9/17/2024
Michael E. Sheppard
State of Indiana
Professional Surveyor
No. 20100021



Trohn Enright-Randolph

Date: 9/17/2024
Trohn Enright-Randolph
Monroe County Surveyor



Donna Baird

Accepted by the Monroe
County Surveyor Review
Board on 9/17/2024



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